

Attorney Docket No. F-727-DIV
(ATOF - 30032-2-DIV)

AMENDMENT

In the Claims

Please amend claims 34 and 45 as shown below. Please cancel claim 35.

34. (Currently Amended) An article or material comprising at least one of (a)-(u), wherein at least a portion of said at least one of (a)-(u) includes a syndiotactic/atactic block polypropylene component, wherein the molecular weight of the syndiotactic/atactic block polypropylene is at least 120kD, and wherein (a)-(u) includes:

- (a) a polyolefin modifier;
- (b) an adhesive material;
- (c) a shock absorber;
- (d) a waterproof membrane;
- (e) a packaging film;
- (f) a drawn fiber, film or thread;
- (g) a shapable material;
- (h) an acoustic absorbent;
- (i) a foam material;
- (j) an oil spill absorbent;
- (k) footwear;
- (l) a gamma irradiation stable material;
- (m) a shapable composition;
- (n) a composition for molding into a footwear component;
- (o) a bitumen modifier;
- (p) at least one of a compatibilizer, an emulgator and an emulsifier;
- (q) a coextrudate;
- (r) a viscosity enhancer;
- (s) a plastics recycle material;
- (t) motor oil; and
- (u) a thermoplastic elastomer gel.

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35. (Cancelled)

2 ~~36~~ (Original) The article or material of claim ~~34~~¹, wherein the syndiotactic/atactic block polypropylene has alternating blocks of syndiotactic and atactic sequences.

3 ~~37~~ (Original) A polyolefin modified with the polyolefin modifier of claim ~~34~~¹

4 ~~38~~ (Original) The polyolefin of claim ~~37~~³, wherein the polyolefin is a high impact resistant polypropylene and wherein the polyolefin modifier is a dispersion of the syndiotactic/atactic block polypropylene in a continuous phase of at least one of isotactic and copolymeric polypropylene.

5 ~~39~~ (Original) The polyolefin of claim ~~38~~⁴, wherein the amount of syndiotactic/atactic block polypropylene is in the range of from about 3 to about 50% by weight of the polypropylene.

6 ~~40~~ (Withdrawn) The article or material of claim ~~34~~¹, wherein the adhesive material also includes at least one other component selected from a wax, a tackifying resin and a reinforcing resin.

7 ~~41~~ (Withdrawn) The article or material of claim ~~34~~¹, wherein the article or material is a shock absorber.

8 ~~42~~ (Withdrawn) The article or material of claim ~~34~~¹, wherein the waterproof membrane is a sheet of syndiotactic/atactic block polypropylene modified with at least one of carbon black, a UV absorber, an antioxidant and a weather resistance enhancer.

9 ~~43~~ (Original) The article or material of claim ~~34~~⁴, wherein the shapable composition has a continuous phase of syndiotactic/atactic block polypropylene in which is dispersed isotactic polypropylene, copolymeric polypropylene or another polymer.

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10-44. (Original) The article or material of claim ~~43~~, wherein the shapable composition softens upon heating and becomes rigid upon subsequent cooling.
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11-45. (Currently Amended) The article or material of claim 44, wherein the article or material is a A-plaster cast formed from the shapable composition of claim 44.
- 12-46. (Withdrawn) The article or material of claim ~~34~~, wherein the acoustic absorbent includes a blend, laminate or coextrudate of syndiotactic/atactic block polypropylene with at least one of isotactic, syndiotactic or copolymeric polypropylene, or another polymer.
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13-47. (Withdrawn) The article or material of claim ~~34~~, wherein the article or material is a foam material.
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14-48. (Withdrawn) The foam material of claim ~~47~~, wherein a polyolefin is blended with the syndiotactic/atactic block polypropylene.
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15-49. (Withdrawn) The foam material of claim ~~47~~, wherein the foam material is formed by one of an extruded molded foam, injection molded foam and a compressed foam.
- 16-50. (Withdrawn) The article or material of claim ~~34~~, wherein the article or material is footwear, and wherein the syndiotactic/atactic polypropylene also includes at least one of plasticizers, polymeric fillers, mineral fillers and protective agents.
- 17-51. (Original) The article or material of claim ~~34~~, the portion of at least one of (a)-(u) also includes a mineral filler.
- 18-52. (Withdrawn) A bitumen composition comprising bitumen blended with the bitumen modifier of claim ~~34~~.

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- 19 ~~53~~ (Withdrawn) The bitumen composition of claim ~~52~~¹⁸, wherein the amount of syndiotactic/atactic polypropylene is less than 35% by weight of the composition.
- 20 ~~54~~ (Withdrawn) The article or material of claim ~~34~~¹, wherein the article or material is motor oil.
- 21 ~~55~~ (Withdrawn) The article or material of claim ~~34~~¹, wherein the article or material is a thermoplastic elastomer gel, and wherein the syndiotactic/atactic block polypropylene is crosslinked.
- 22 ~~56~~ (Withdrawn) The article or material of claim ~~34~~¹, wherein the article or material is an oil spill absorbent.
- 23 ~~57~~ (Original) The article or material of claim ~~34~~¹, wherein the article or material is plastics recycle material.
- 24 ~~58~~ (Original) The article or material of claim ~~34~~¹, wherein the article or material is a gamma irradiation stable composition.
- 25 ~~59~~ (Original) The article or material of claim ~~34~~¹, wherein the syndiotactic/atactic block polypropylene component has a fraction of syndiotactic triads (rr) of at least 70% as determined by ¹³C NMR and has a weight average molecular weight (Mw) measured by gel permeation chromatography (GPC) of at least 120,000.

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2688 (Original) An article or material comprising at least one of (a)-(u), wherein at least a portion of said at least one of (a)-(u) includes a syndiotactic/atactic block polypropylene component having a fraction of syndiotactic triads (rr) of at least 70% as determined by ^{13}C NMR and has a weight average molecular weight (Mw) measured by gel permeation chromatography (GPC) of at least 120,000, and wherein (a)-(u) includes:

- (a) a polyolefin modifier;
- (b) an adhesive material;
- (c) a shock absorber;
- (d) a waterproof membrane;
- (e) a packaging film;
- (f) a drawn fiber, film or thread;
- (g) a shapable material;
- (h) an acoustic absorbent;
- (i) a foam material;
- (j) an oil spill absorbent;
- (k) footwear;
- (l) a gamma irradiation stable material;
- (m) a shapable composition;
- (n) a composition for molding into a footwear component;
- (o) a bitumen modifier;
- (p) at least one of a compatibilizer, an emulgator and an emulsifier;
- (q) a coextrudate;
- (r) a viscosity enhancer;
- (s) a plastics recycle material;
- (t) motor oil; and
- (u) a thermoplastic elastomer gel.